

Listing of the claims

1-32 (Cancelled).

33. (Amended in Applicant's Response to Office Action filed on December 15, 2003)

A method of inhibiting the phosphorylation activity of a signal transduction kinase that binds an RKIP family member, wherein said signal transduction kinase is Raf-1 and MEK, comprising the step of contacting said signal transduction kinase with ~~an amount of an agent that increases or inhibits the activity of~~ a polypeptide comprising an RKIP motif, ~~wherein said agent inhibits the phosphorylation activity of said signal transduction kinase that binds an RKIP family member.~~

34-37 (Cancelled)

38-45 (Cancelled)

46. (Original, Added in Applicant's Response to Office Action Filed on December 15, 2003)

A method of inhibiting the phosphorylation activity of a signal transduction kinase that binds an RKIP family member, wherein said signal transduction kinase is a MAPK/ERK kinase, comprising the step of contacting said signal transduction kinase with a polypeptide comprising an RKIP motif.